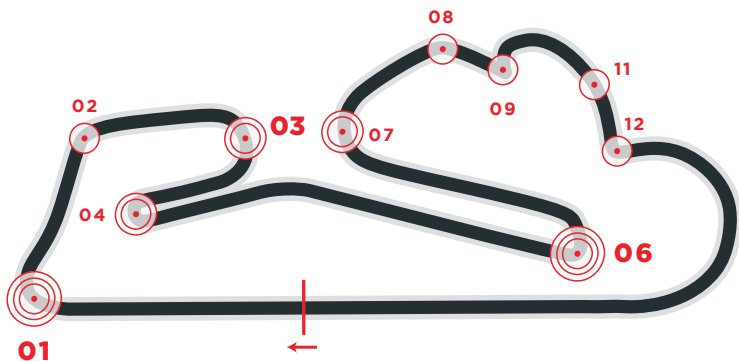




20-22 MAY 2022



BRAKE CIRCUIT IDENTITY CARD

The Portuguese track is a combination of long straights, fast corners and hairpins to be traveled at low speed. It is a difficult track, with several very slow corners and poor grip, also because, being close to the Ocean, there is often the wind that brings sand and dust to the asphalt and creates riding problems.

Should you publish any of the data contained here please quote Brembo as source used.

BRAKES EFFORT HARD

TIME SPENT BRAKING 30%

TURN 01*, TURN 06* AND TURN 03* ARE CONSIDERED THE MOST DEMANDING FOR THE BRAKING SYSTEM

CIRCUIT LENGTH **4.182 M**

NUMBER OF LAPS **21**

NUMBER OF BRAKE ZONES/LAP **10**

TURN 01	Initial speed	316	(Km/h)
	Final speed	71	(Km/h)
	Stopping distance	278	(m)
	Braking time	5.6	(sec)
	Maximum deceleration	1.5	(g)
	Max force on lever	5.0	(Kg)

TURN 02	Initial speed	179	(Km/h)
	Final speed	131	(Km/h)
	Stopping distance	82	(m)
	Braking time	1.9	(sec)
	Maximum deceleration	1	(g)
	Max force on lever	3.0	(Kg)

TURN 03	Initial speed	183	(Km/h)
	Final speed	70	(Km/h)
	Stopping distance	108	(m)
	Braking time	3.1	(sec)
	Maximum deceleration	1.2	(g)
	Max force on lever	4.8	(Kg)

TURN 04	Initial speed	157	(Km/h)
	Final speed	74	(Km/h)
	Stopping distance	93	(m)
	Braking time	3	(sec)
	Maximum deceleration	1	(g)
	Max force on lever	3.7	(Kg)

TURN 06	Initial speed	271	(Km/h)
	Final speed	87	(Km/h)
	Stopping distance	221	(m)
	Braking time	4.7	(sec)
	Maximum deceleration	1.5	(g)
	Max force on lever	4.4	(Kg)

TURN 07	Initial speed	224	(Km/h)
	Final speed	90	(Km/h)
	Stopping distance	164	(m)
	Braking time	3.8	(sec)
	Maximum deceleration	1.2	(g)
	Max force on lever	4.5	(Kg)

TURN 08	Initial speed	169	(Km/h)
	Final speed	129	(Km/h)
	Stopping distance	63	(m)
	Braking time	1.5	(sec)
	Maximum deceleration	1	(g)
	Max force on lever	3.1	(Kg)

TURN 09	Initial speed	133	(Km/h)
	Final speed	57	(Km/h)
	Stopping distance	73	(m)
	Braking time	2.7	(sec)
	Maximum deceleration	0.9	(g)
	Max force on lever	3.4	(Kg)

TURN 11	Initial speed	163	(Km/h)
	Final speed	143	(Km/h)
	Stopping distance	36	(m)
	Braking time	0.8	(sec)
	Maximum deceleration	0.7	(g)
	Max force on lever	2.8	(Kg)

TURN 12	Initial speed	140	(Km/h)
	Final speed	104	(Km/h)
	Stopping distance	56	(m)
	Braking time	1.6	(sec)
	Maximum deceleration	0.9	(g)
	Max force on lever	2.7	(Kg)